Does your Rock and Roll still rock?

Task One: What styles of music does your class like?

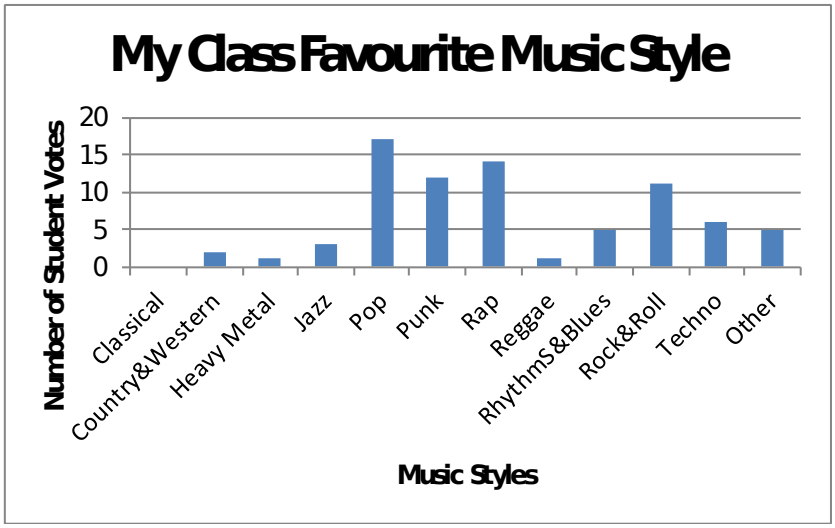
1. Conduct a survey with your class to find out what music they would like played on the radio station.
Teacher Note: In the table below students were able to nominate more than 1 favourite style so total of results will be higher than no. of students.

2. Record your data in a table like the one below.

Styles	Tally	no. of student votes
Classical		0
Country	II	2
Heavy Metal	I	1
Jazz	III	3
Pop	𝍸 𝍸 𝍸 II-	17
Punk	𝍸 𝍸 II–	12
Rap	𝍸 𝍸 IIII–	14
Reggae	I	1
Rhythm and Blues	𝍸	5
Rock	𝍸 𝍸 I	11
Techno	𝍸 I	6
Other	𝍸	5
Total Votes		77

Teacher Note: Your class results will differ from data in this table which was generated from the 2008 Random Sampler using

3. Decide on an appropriate way to graph the results from the table so you can present your findings to the Junior School Council.
Teacher Note: Discussion on scale including increment size will be important in order to make sure that the graph is displayed clearly.



4. What are the most popular music styles?

Most popular are Pop, then Rap then Punk and Rock and Roll was fourth.

5. What are the least popular music styles?

Least popular was Classical followed by Heavy Metal and Reggae and then Jazz.
Teacher Note: it could be of interest to discuss with students how many styles to include in most and least popular. For example you might include the bottom (or top) third, or draw the line at where there seems to be a natural break. The results for Rock and Roll must be included due to the context of the question.

Task Two: Is your class too small?

Teacher Note: As the music is to be heard by all students it is necessary to get a larger sample covering a wider range of year levels. The year levels should correspond to the year levels who will hear the music. It is likely that preferred music styles will change across different levels and so it is necessary to include a range.

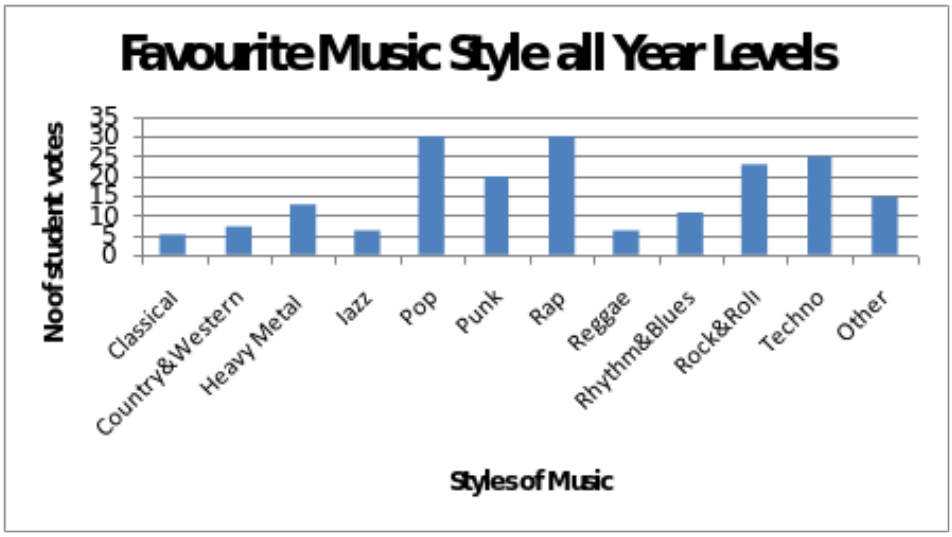
6. Go to the CensusAtSchool Random Sampler and get a sample of at least 50 from different year levels students from your state/territory.
Teacher Note: the "COUNTIF" function is a useful way of taking data from a spreadsheet and listing it in a table

7. Record your data in a table similar to the one above.

Styles	tally	no. of student votes
Classical	𝍸	5
Country &	𝍸 II	7

Western		
Heavy Metal	𝍸 𝍸 III	13
Jazz	𝍸 I	6
Pop	𝍸 𝍸 𝍸 𝍸 𝍸 𝍸	30
Punk	𝍸 𝍸 𝍸 𝍸	20
Rap	𝍸 𝍸 𝍸 𝍸 𝍸 𝍸	30
Reggae	𝍸 I	6
Rhythm & Blues	𝍸 𝍸 I	11
Rock & Roll	𝍸 𝍸 𝍸 𝍸 III	23
Techno	𝍸 𝍸 𝍸 𝍸 𝍸	25
Other	𝍸 𝍸 𝍸	15
Total Votes		190

8. Graph the results from the table.



9. What does this larger sample tell you about students' music tastes? Does it differ from your class results?

It is important here that students focus on the important similarities and differences in the two data sets. Pop and Rap are the most popular in both samples. Classical, Reggae and Jazz also feature in both samples as the least popular. Heavy Metal, while unpopular with the My Class sample, was more popular in the All Year Levels sample. The overall rankings are also different when comparing the two samples. However, Rock and Roll was the fourth most popular in both.

10. Based on all the data you have gained, does Rock and Roll still rock?

Rock and Roll would appear to have had its day. There are three more popular styles in both of the surveys. Pop and Rap are more popular in both surveys and in My Class, Punk is also more popular but across all levels Techno is more popular than Rock and Roll.

Task Three: Your presentation for the JSC

11. Create a presentation for the next JSC meeting, based on your analysis of the class survey and CensusAtSchool sample. Include a new program format for the radio show, showing how you could incorporate students' favourite music styles into the format as well as elements of the show that are working well. Add any other suggestions you have for improving the show.
Answers will vary but should take account of the survey of All Levels. Good answers will include reference to proportional representation of the different Music styles. A suggestion could be that students who have preferences different to the current DJs could help to set up the program by bringing in music in the different styles that the two teachers might not have in their collections.